UNBOUND NOTES AND DRAWINGS
1890

Marinek 31 1890
J. F. Otto
Kurbel 90 Grad
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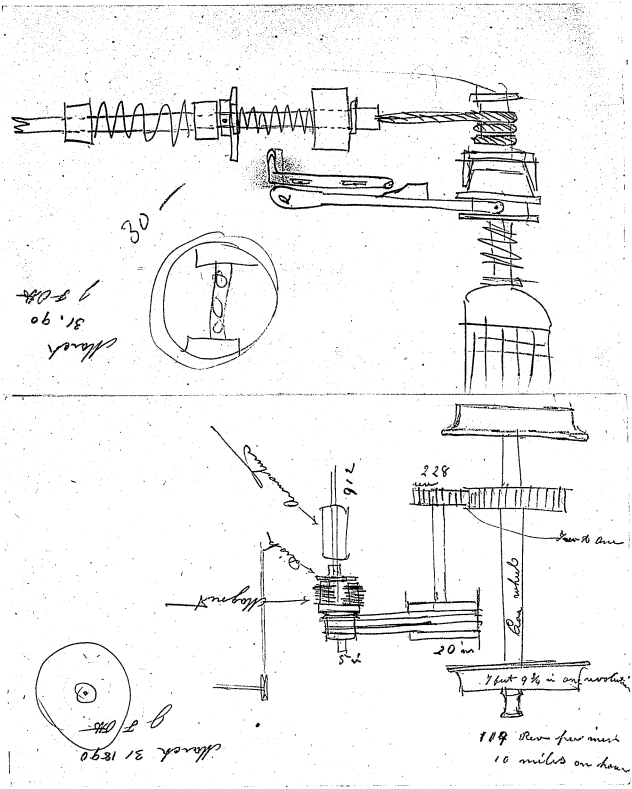
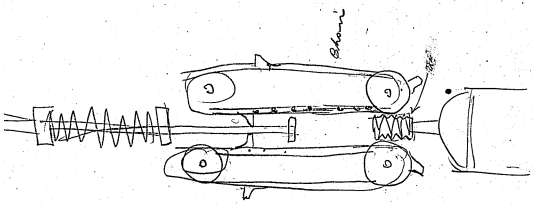
Offenbach 2.1.1890
J. F. Otto


30
March 31, 90
7 Feb
7/16
2.28
Crank arm
Connecting
Crank
Cam wheel
20 in
1 1/2
Pivot 9 1/2 in
March 31 1890
9 Feb
119 Revs per min
10 miles an hour

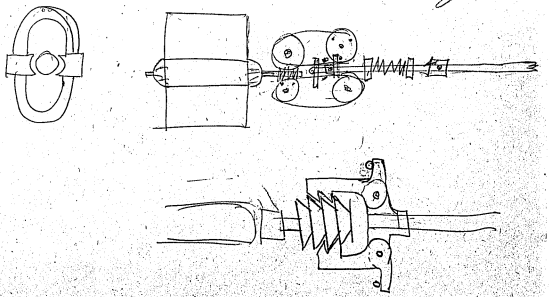
March 31 1890

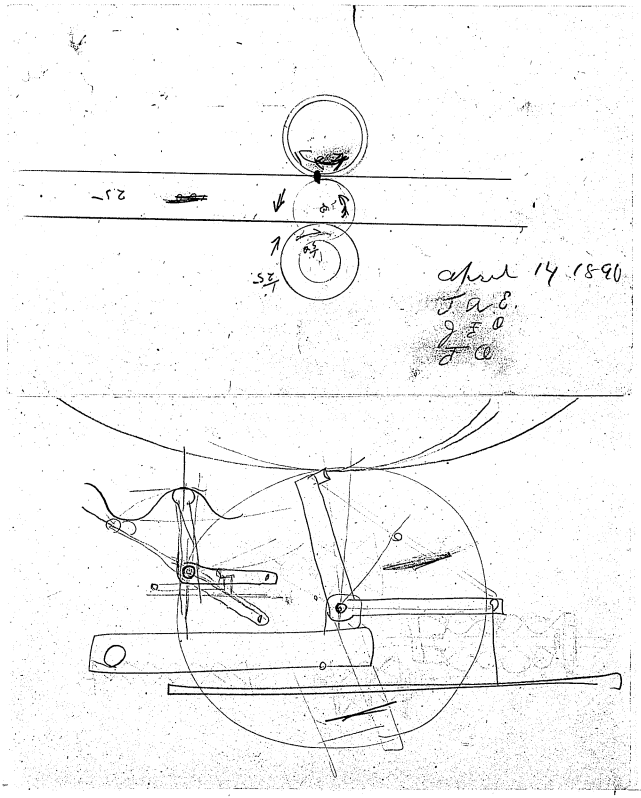
J. F. Ott

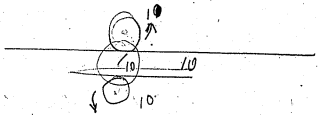


March 31, 1890

J. F. Ott




April 14 1890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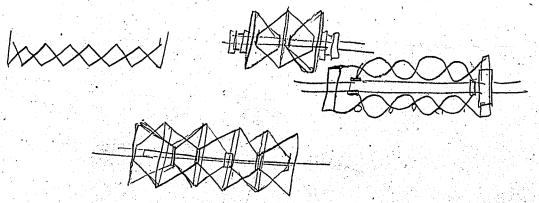

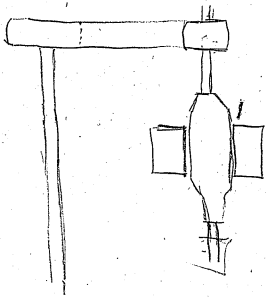

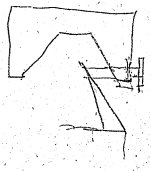

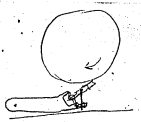

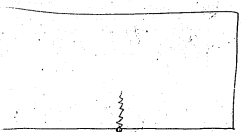

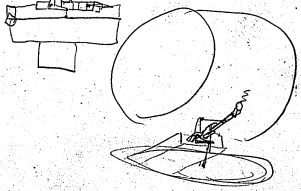

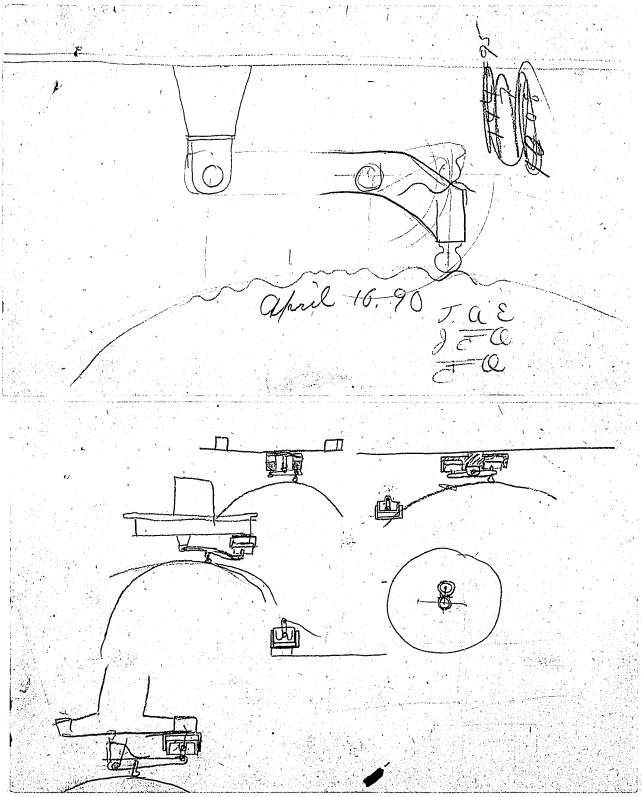
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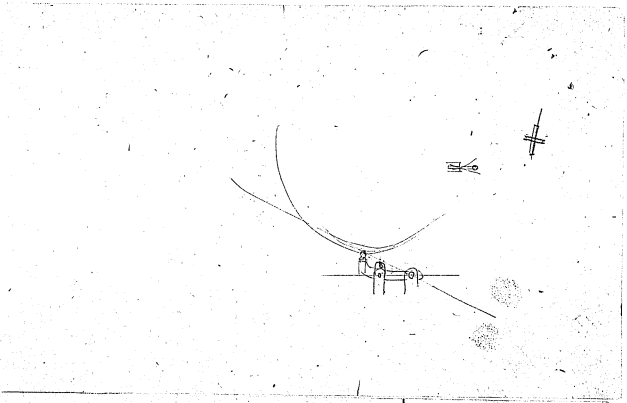

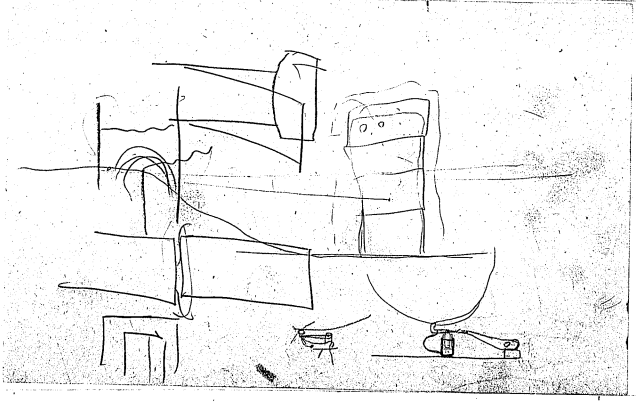

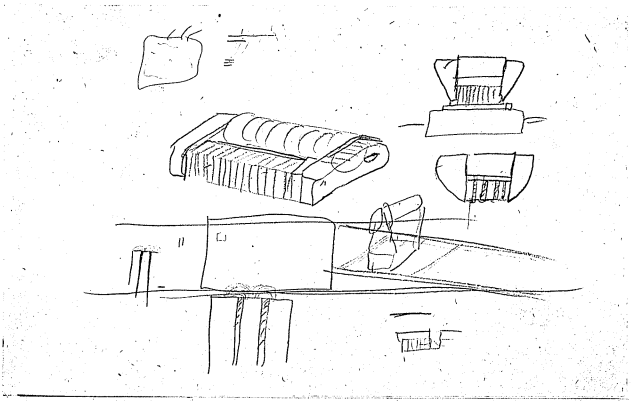

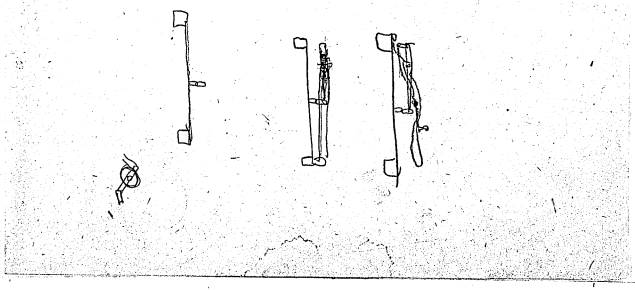

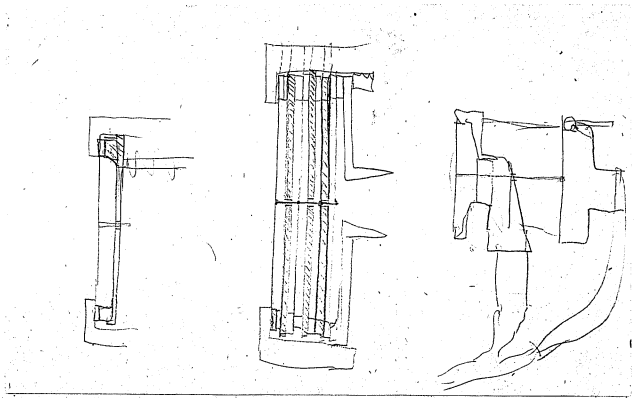

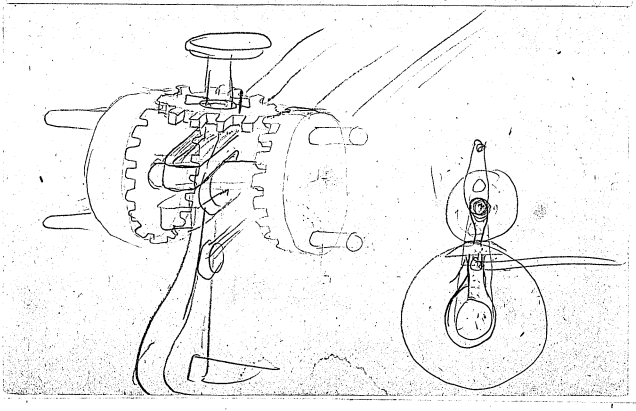

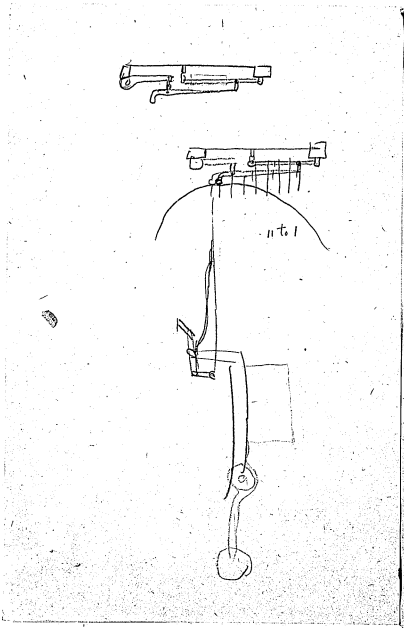

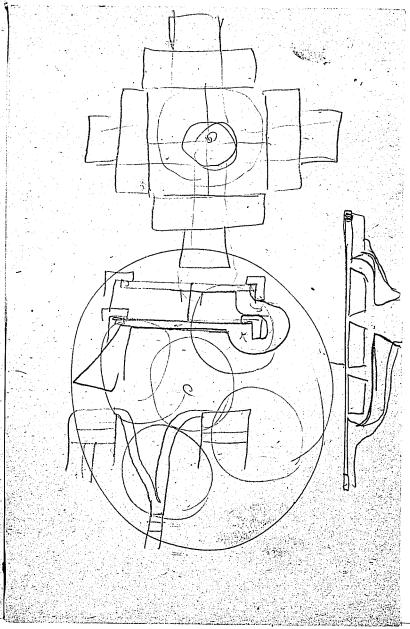

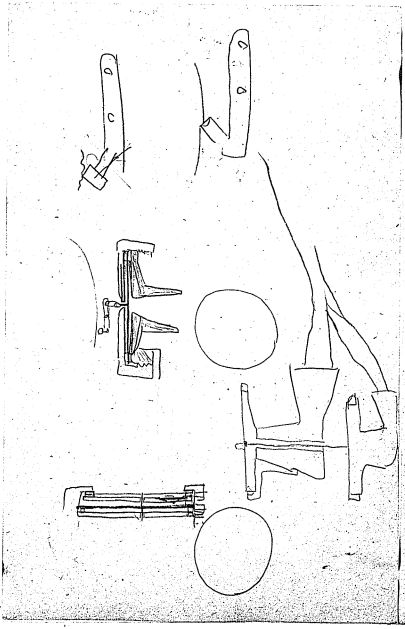

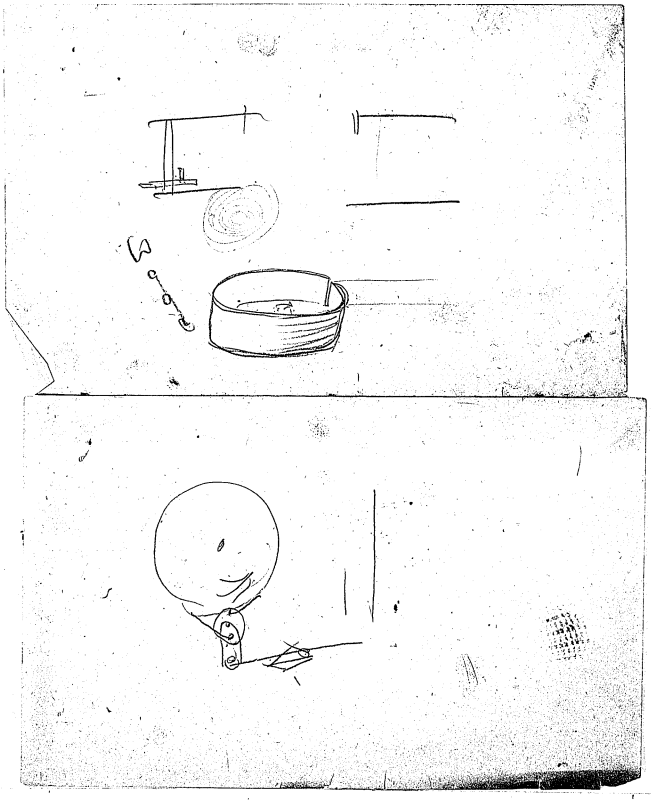

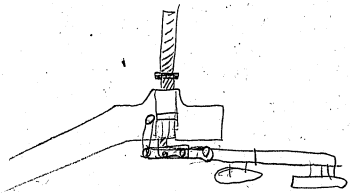

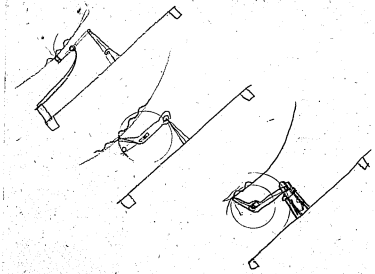

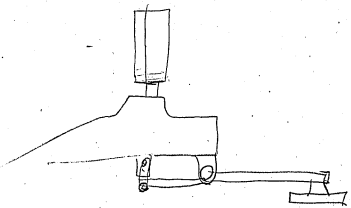

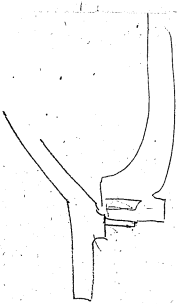

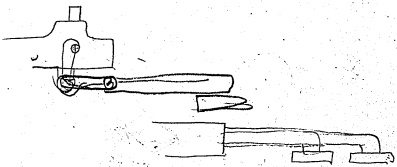

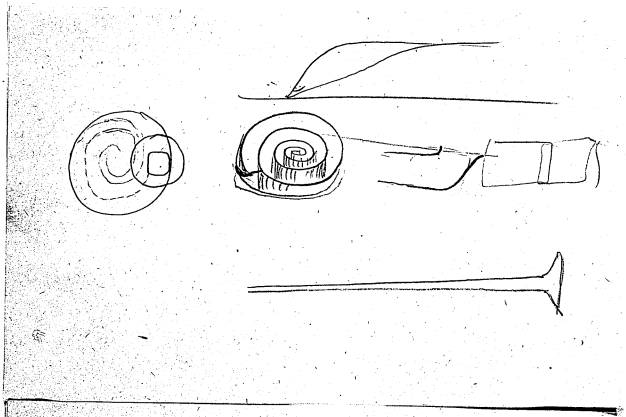

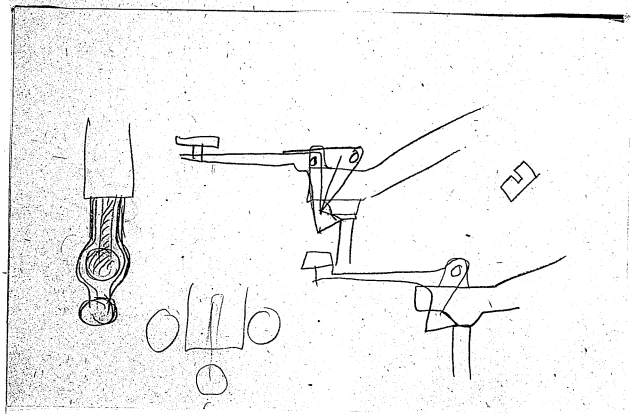

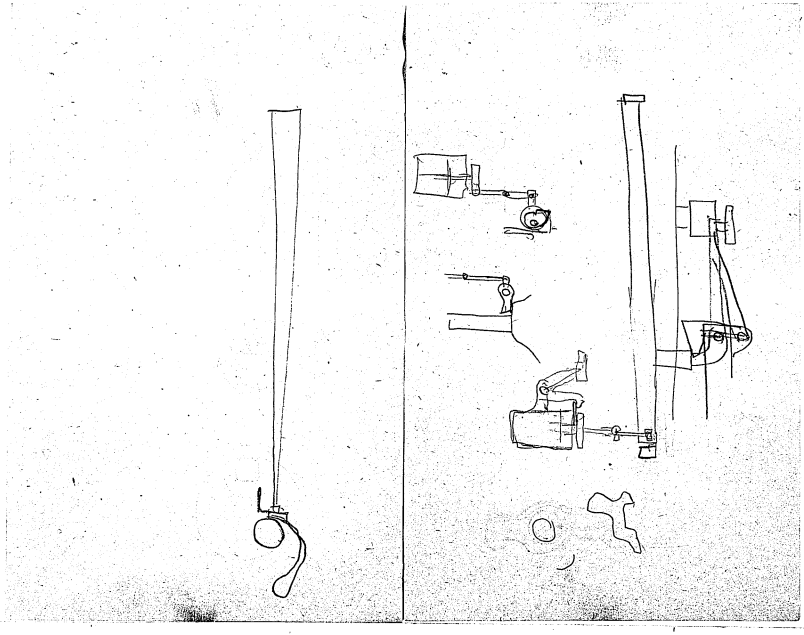

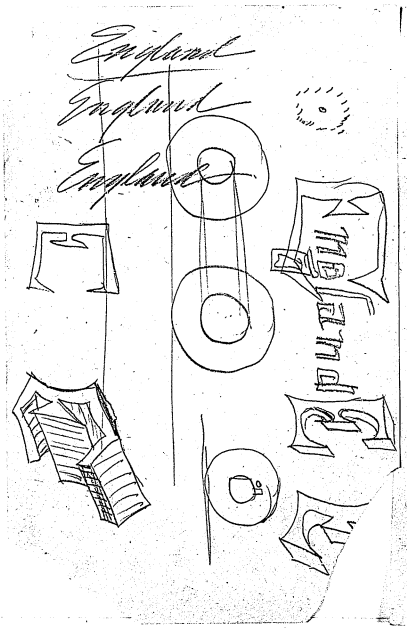
England
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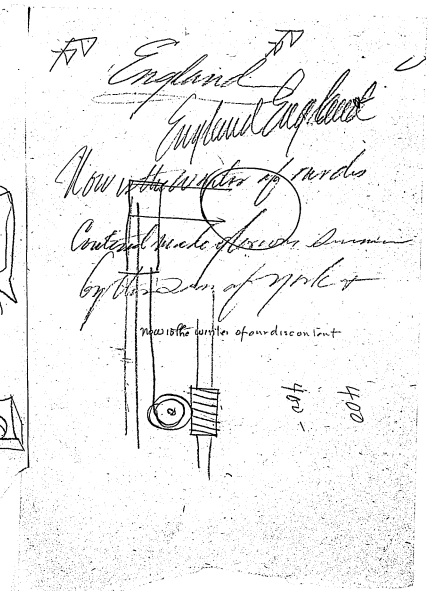
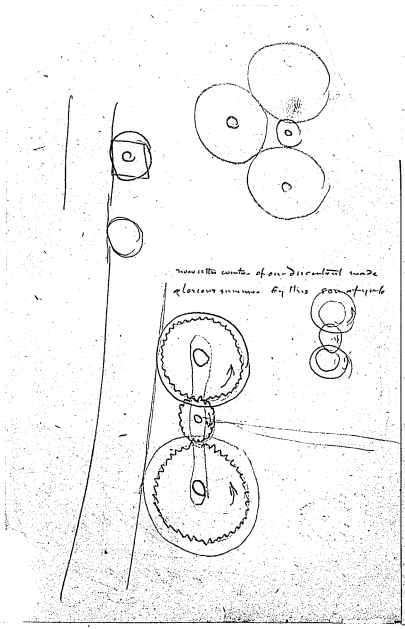
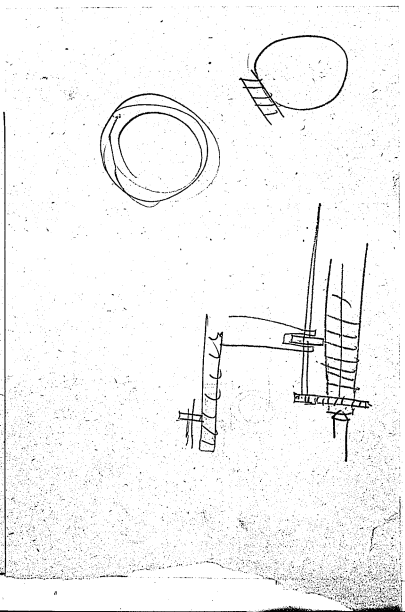
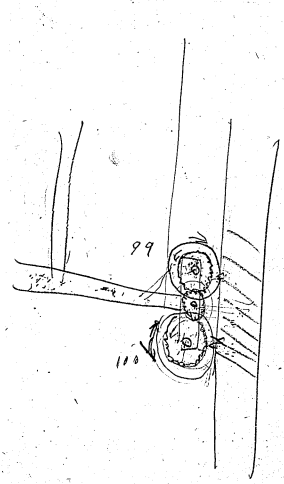

England
England
England
Now
Now is the winter of our discontent
404


Nonetta wants of our Discontent made
glorious summer by this sonnetsun

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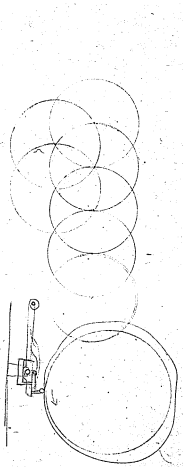

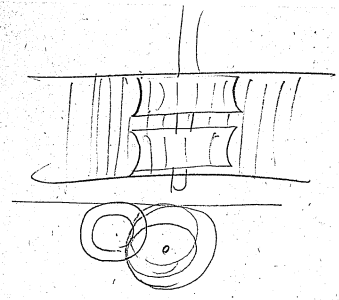

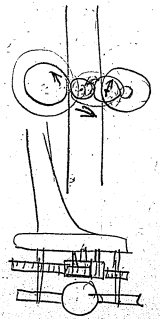

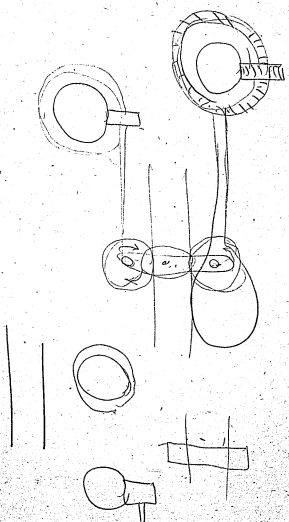

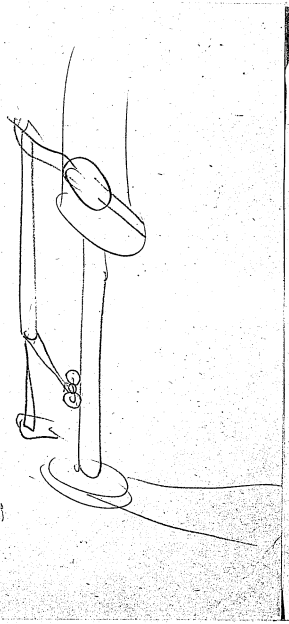

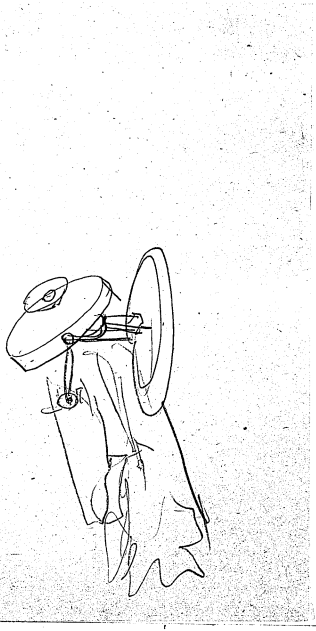

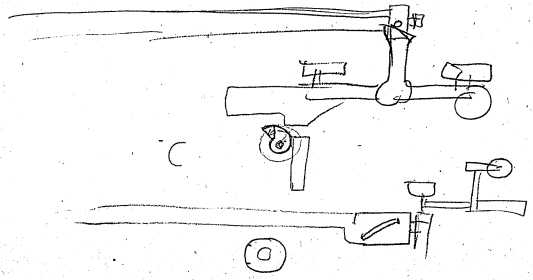

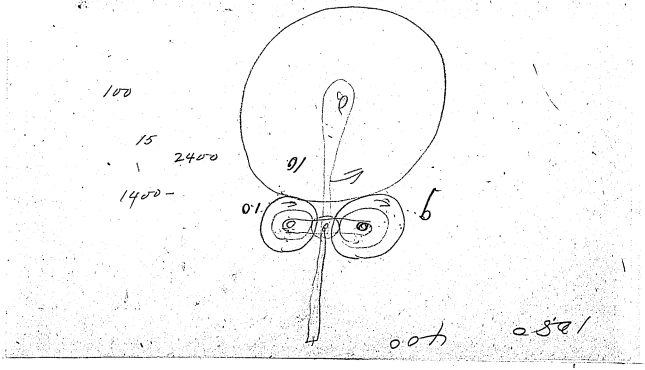
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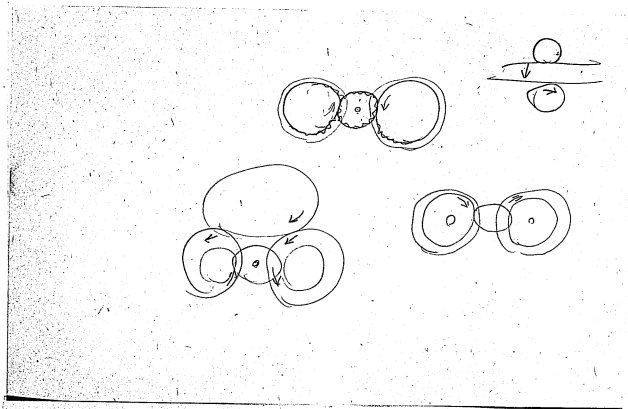

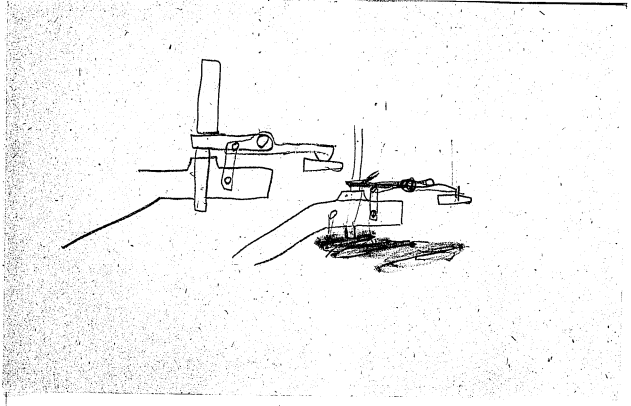

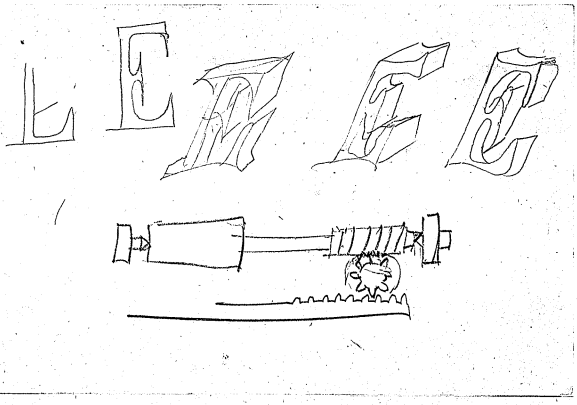
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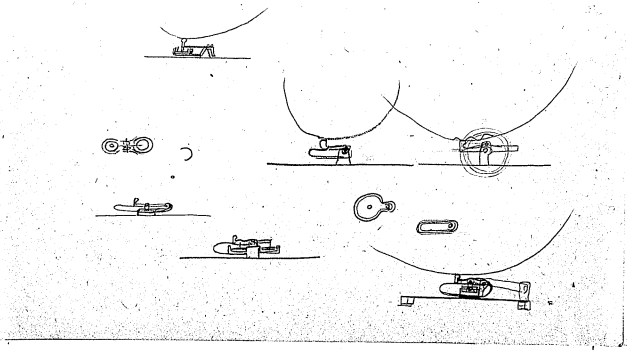
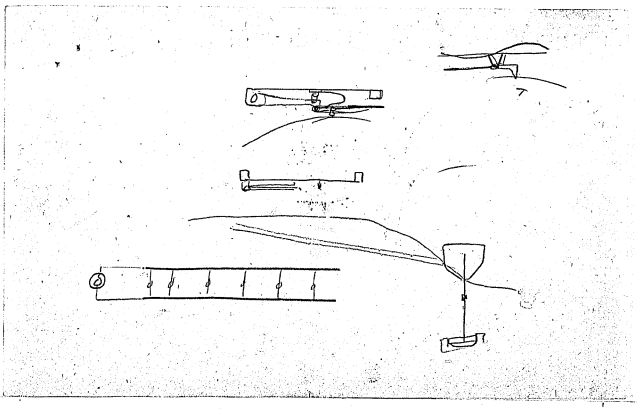




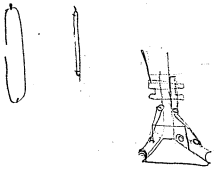
Pilot's Drill Pat

Cable Address "Edison, Orange, N.J."

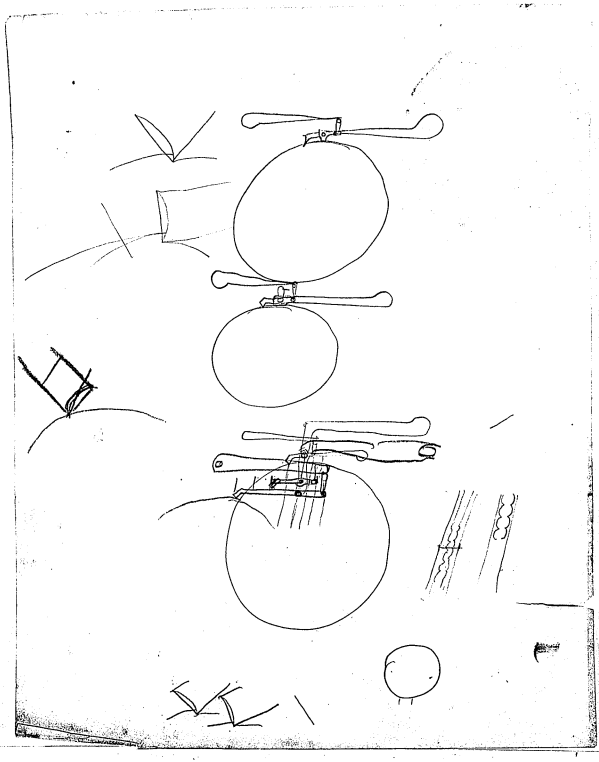
From the Laboratory
of
Thomas A. Edison.

Orange, N.J.

Subject.



April 18. 1890

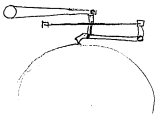


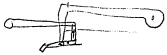
Cable Address "Edison, New York"

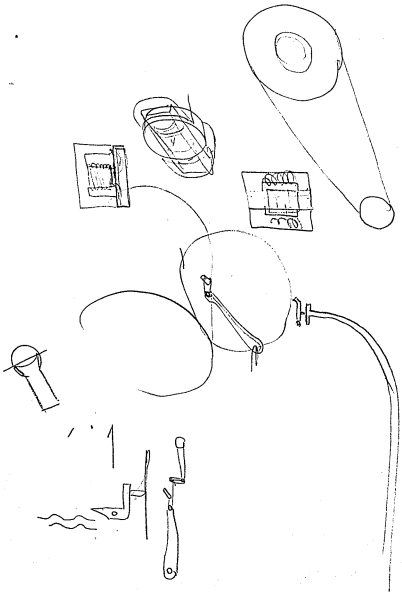
From the Laboratory
of
Thomas A. Edison.

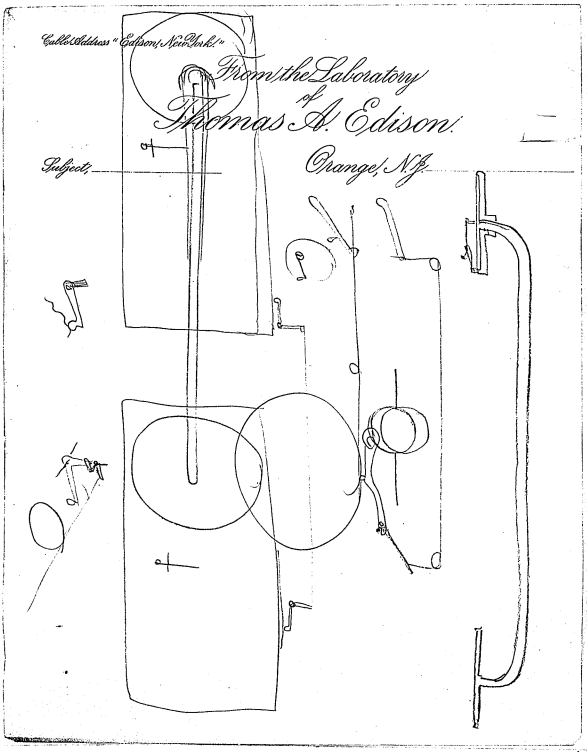
Orange, N.J.

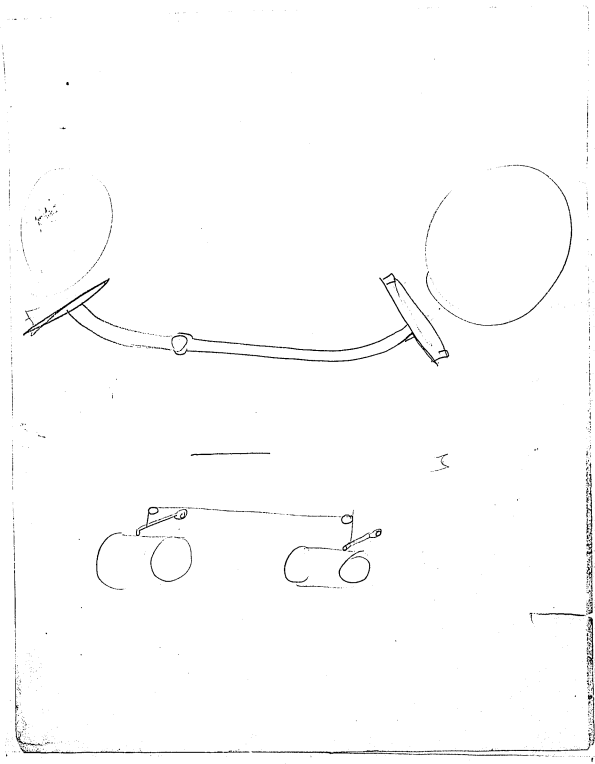
Subject.








Cable Address "Edison, Newark"
From the Laboratory
of
Thomas A. Edison.
Orange, N.J.
Subject

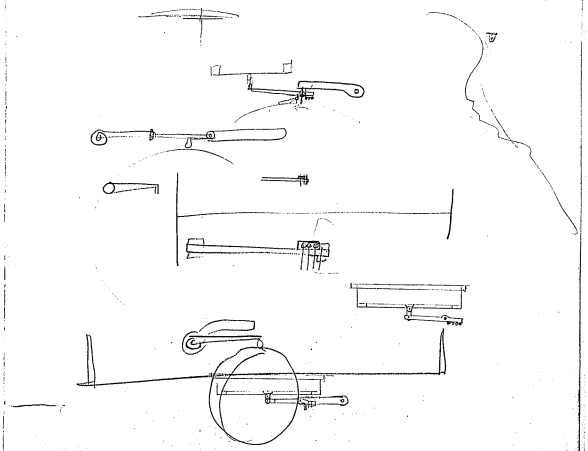


Cable Address "Edison, New York"

From the Laboratory
of
Thomas A. Edison.

Subject,

Orange, N.J.



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From the Laboratory
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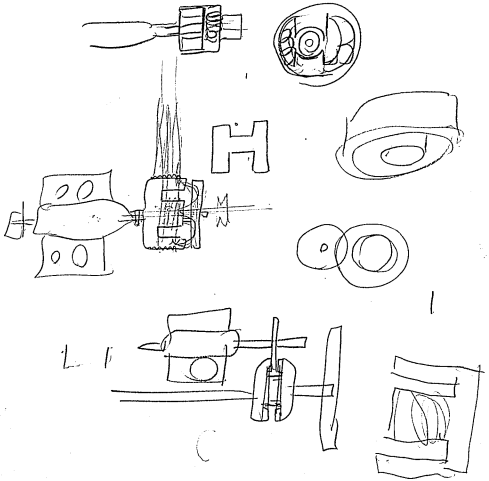

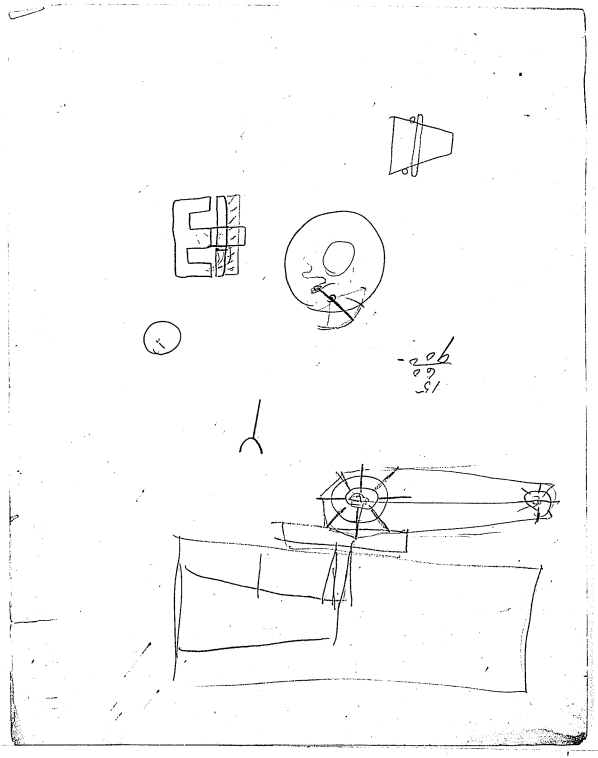

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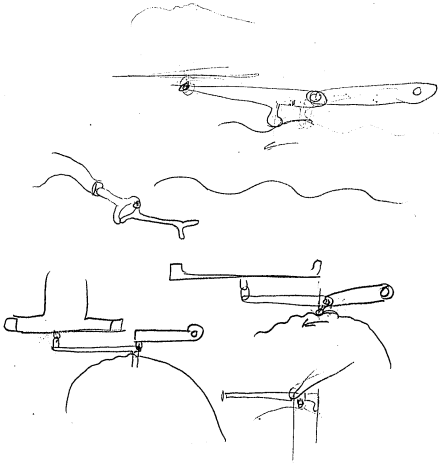
Orange, N.J.



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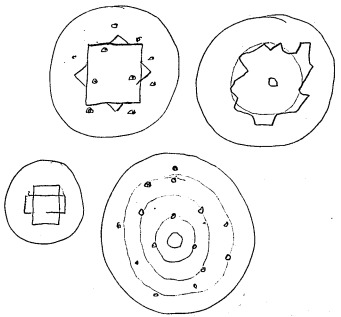

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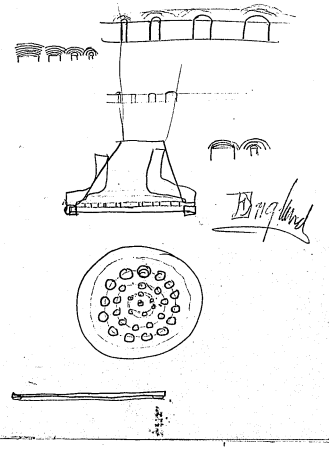
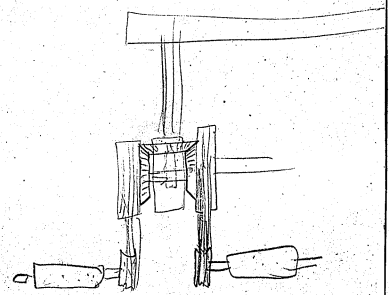


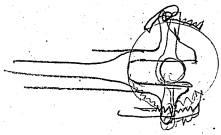


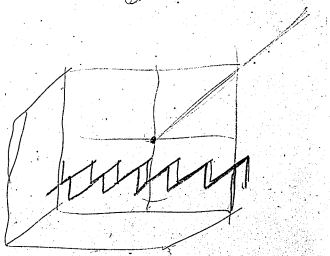
April 28/1890

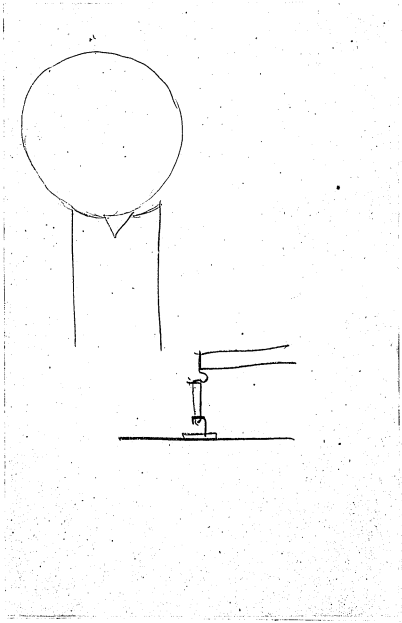
J. A. E.

J. F. C.

F. C.







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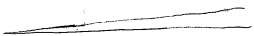
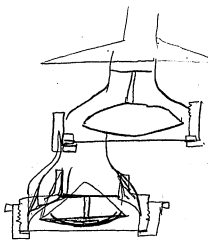
Silfoot Orange, N.J.





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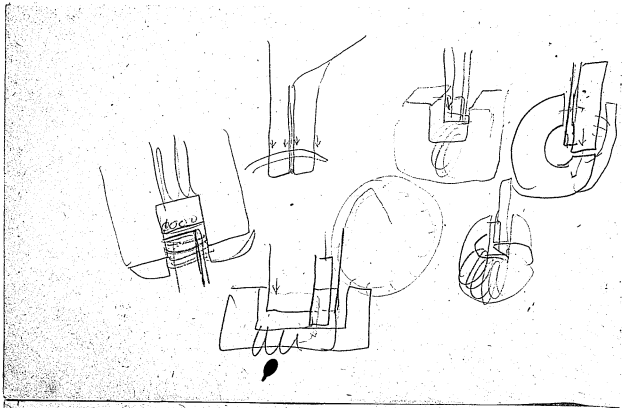

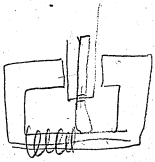

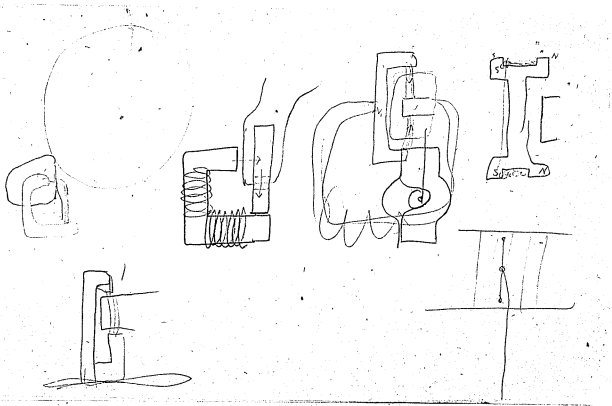
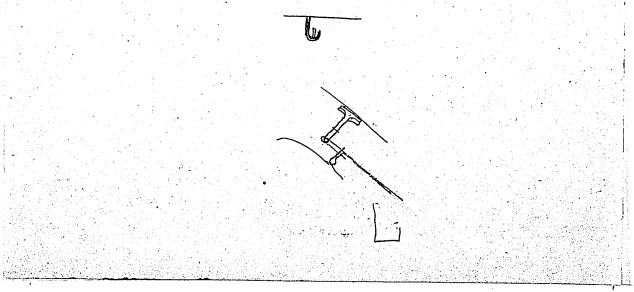

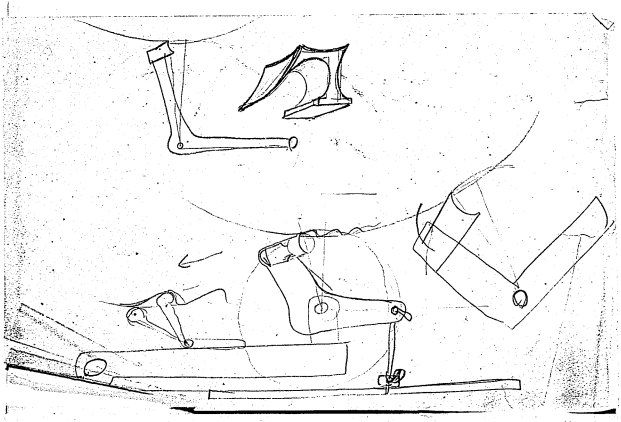

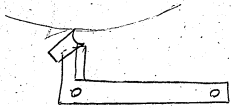

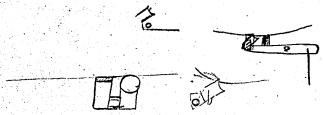

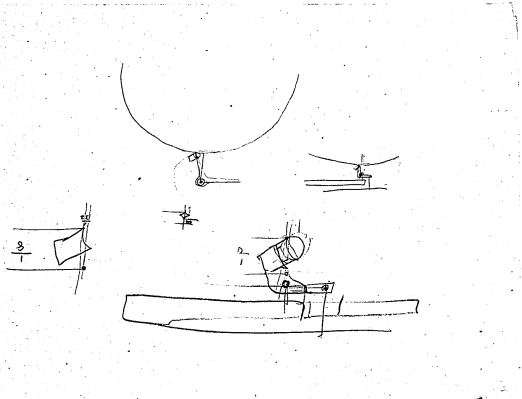

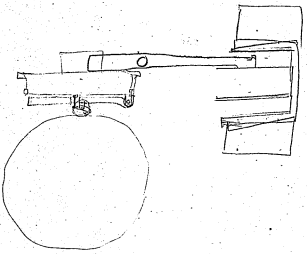

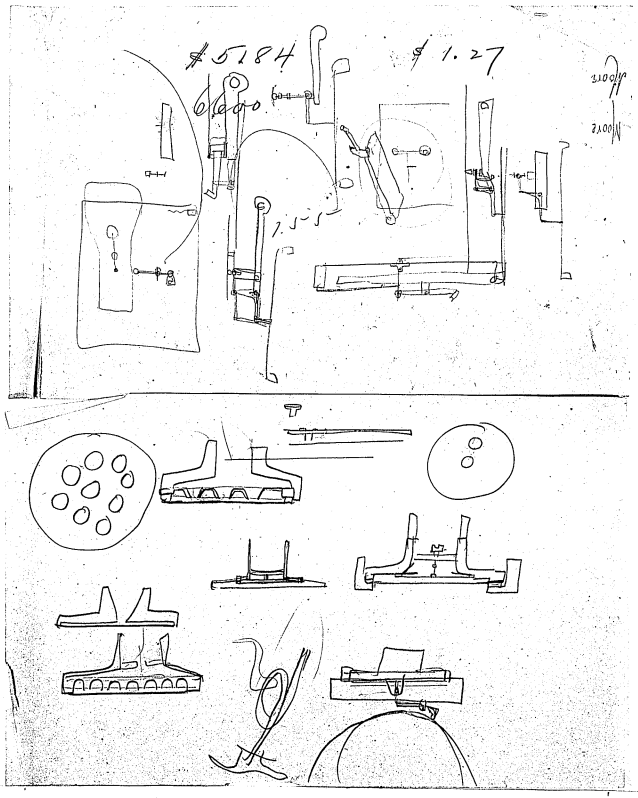
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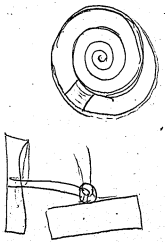

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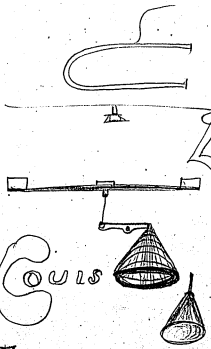

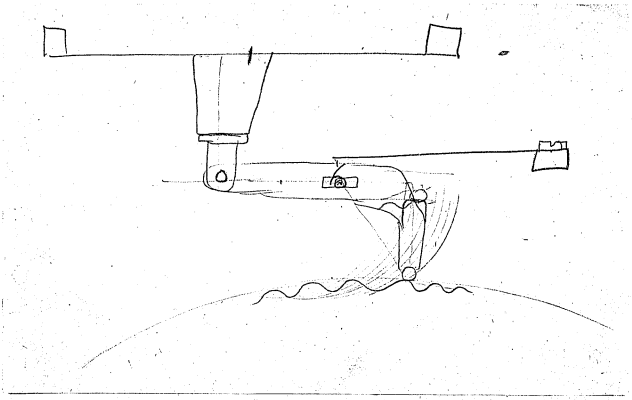

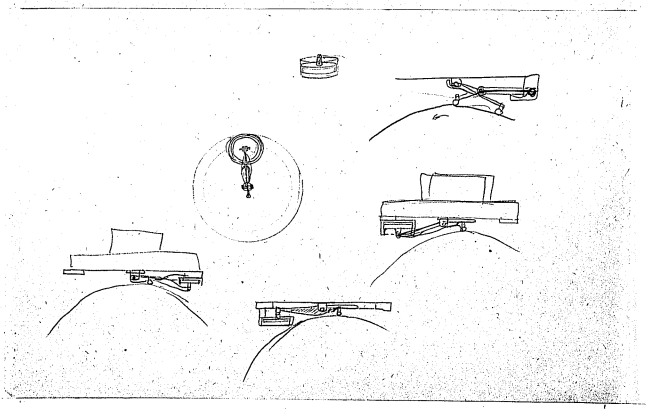

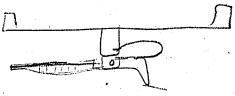

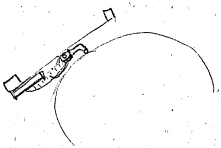

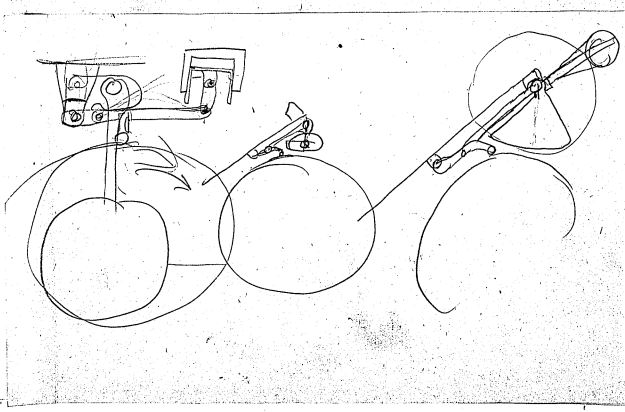

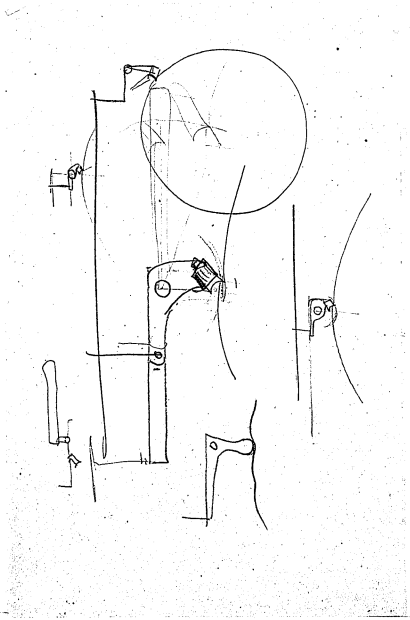

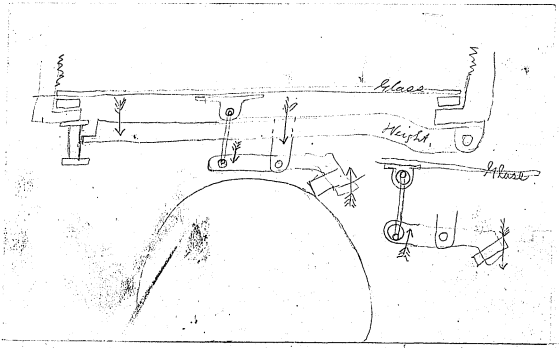
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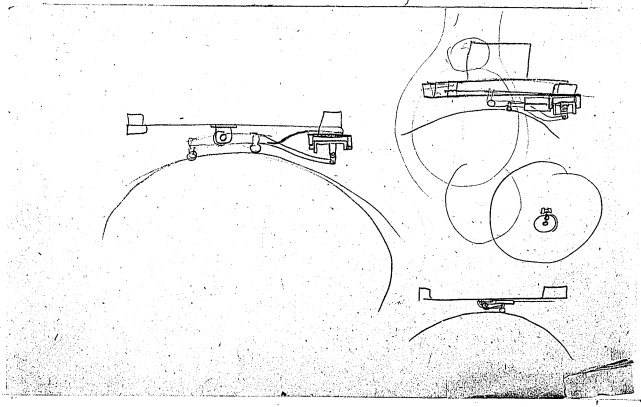

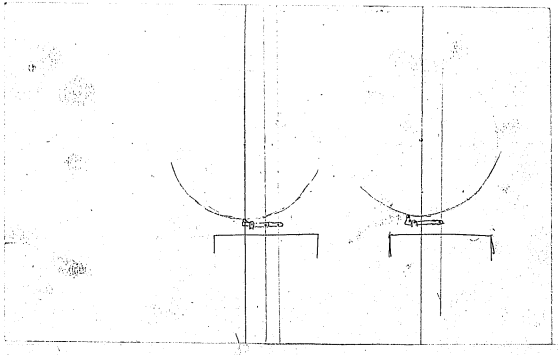

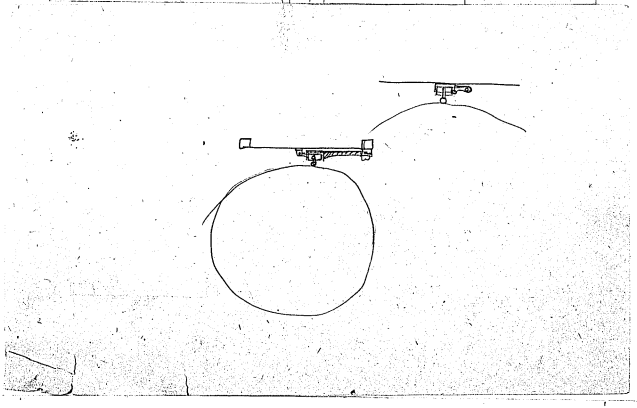

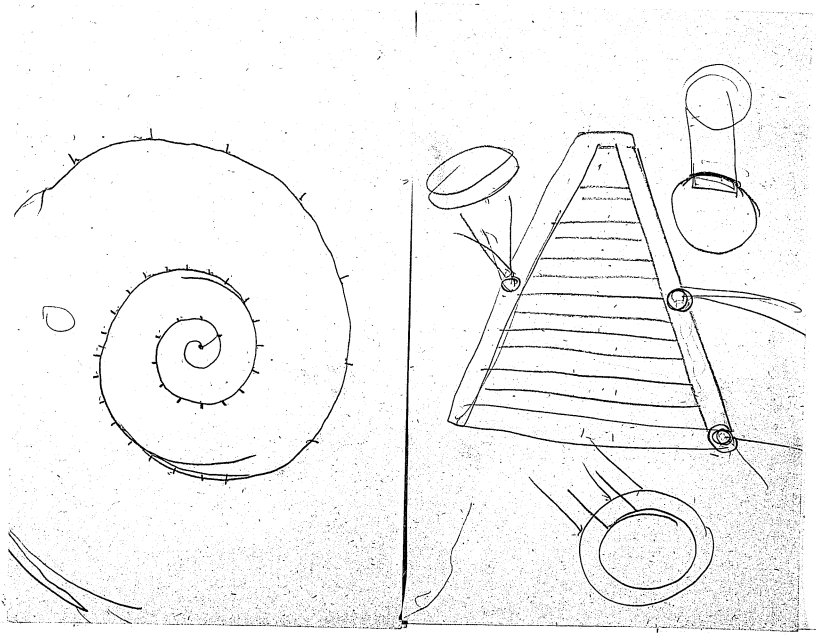

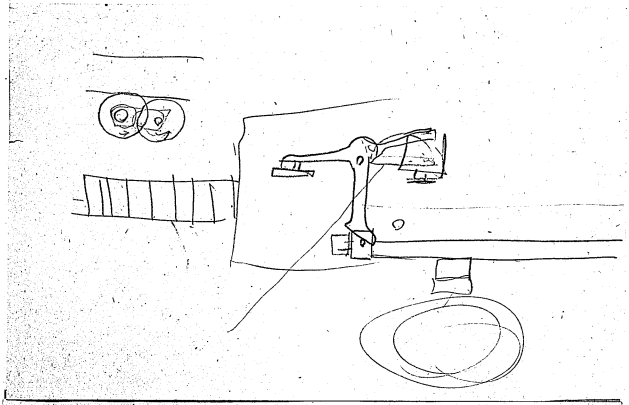

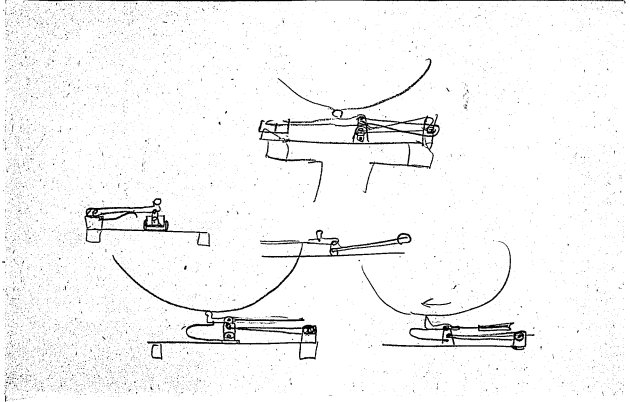

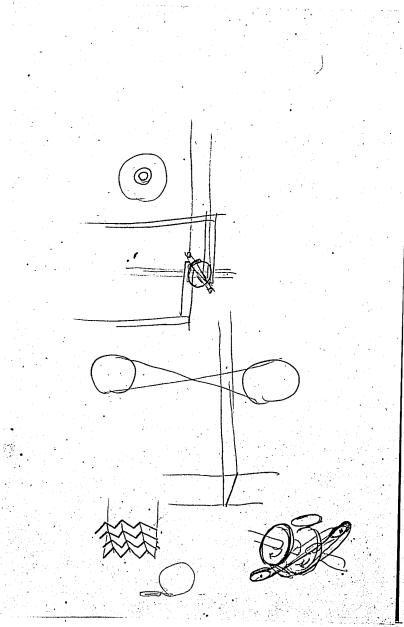

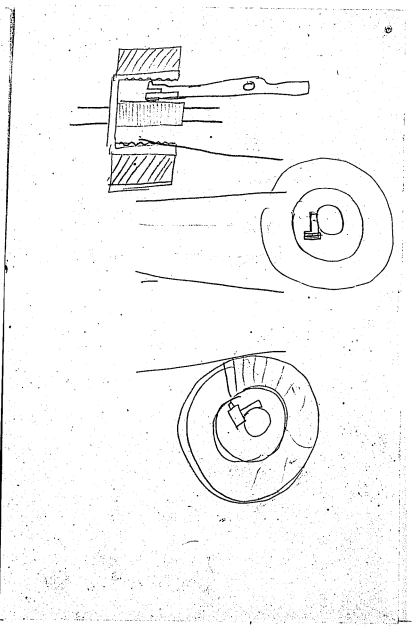

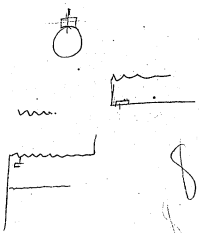

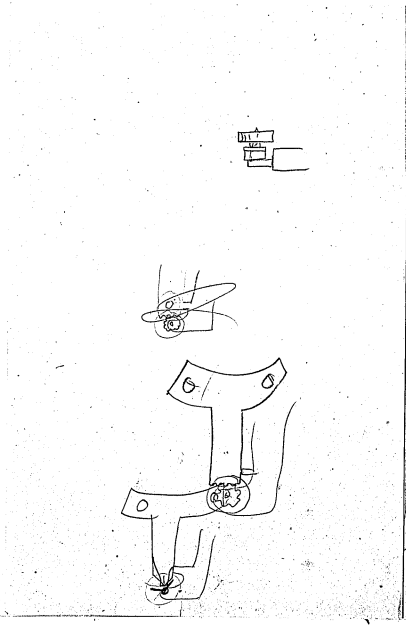

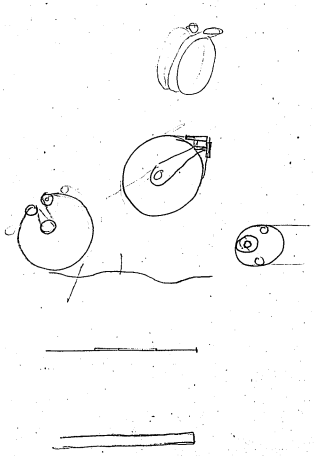

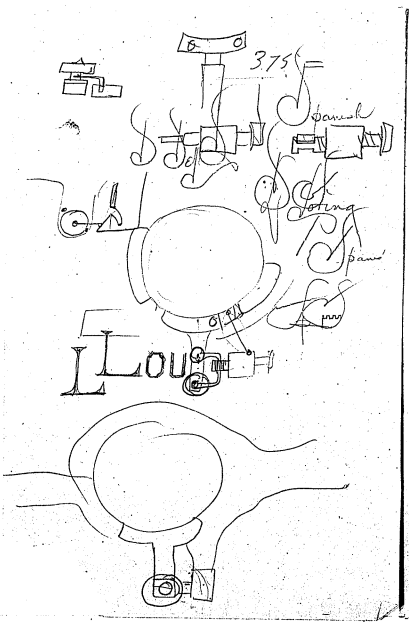
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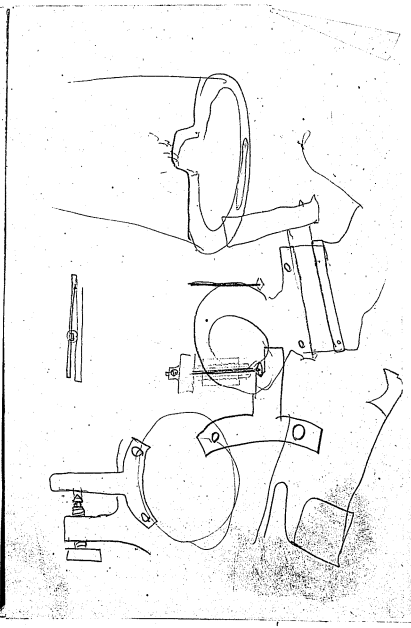

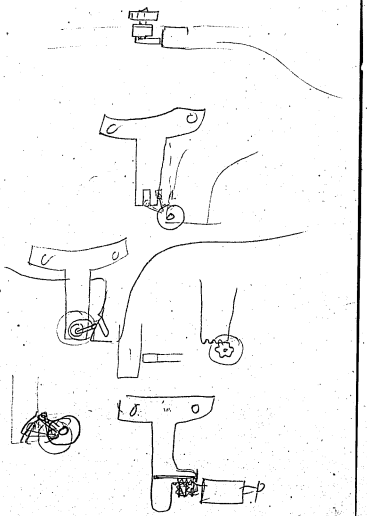

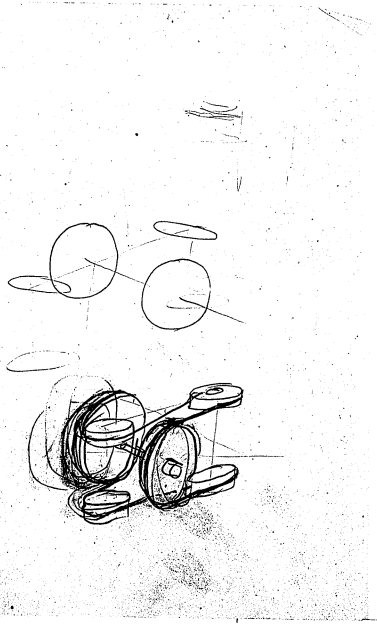

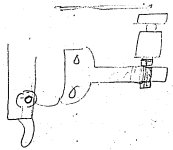

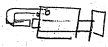

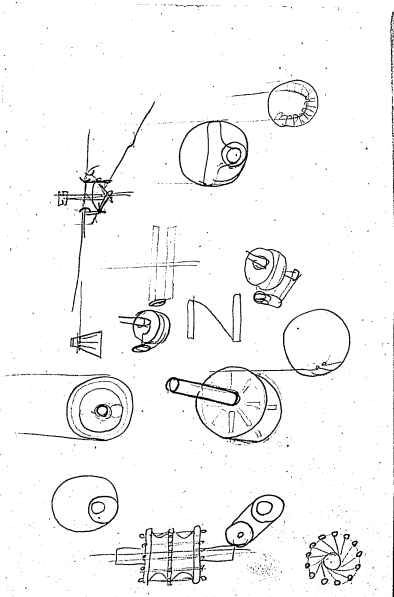

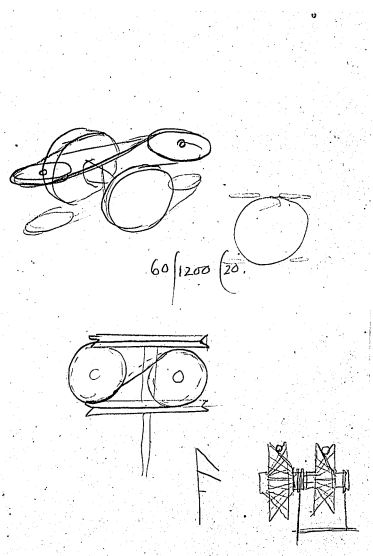
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Cable Address
"Edison, New York"

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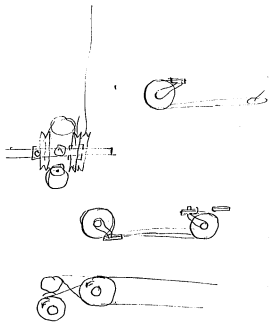
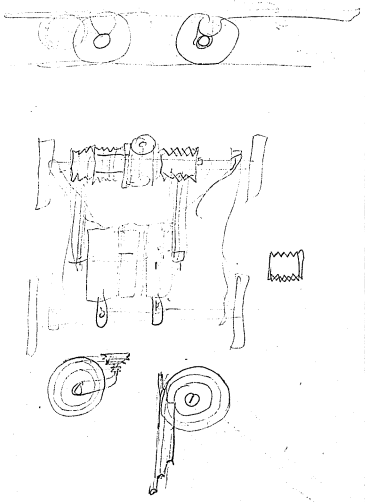
of
Thomas A. Edison.

Telephone _____ Orange, N.J. _____





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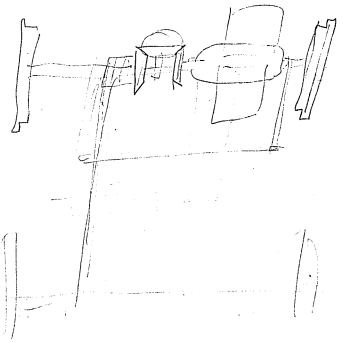
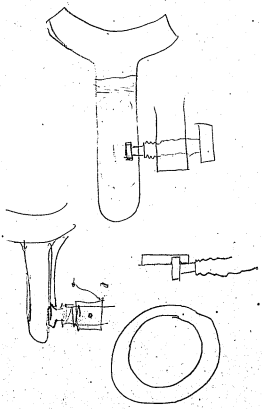
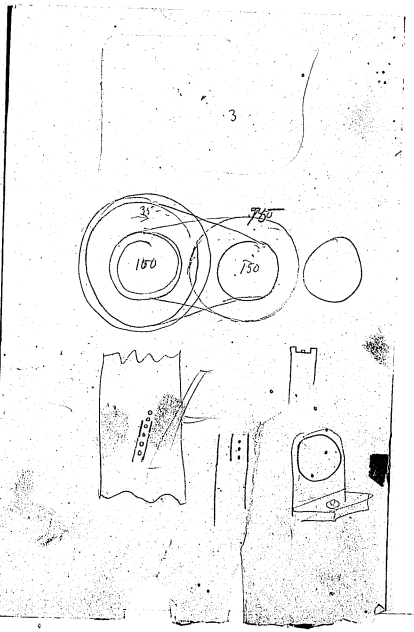
Orange, N.J.



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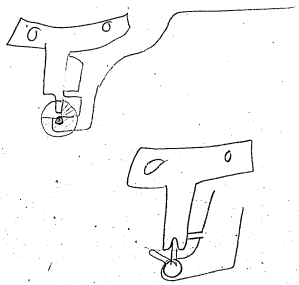
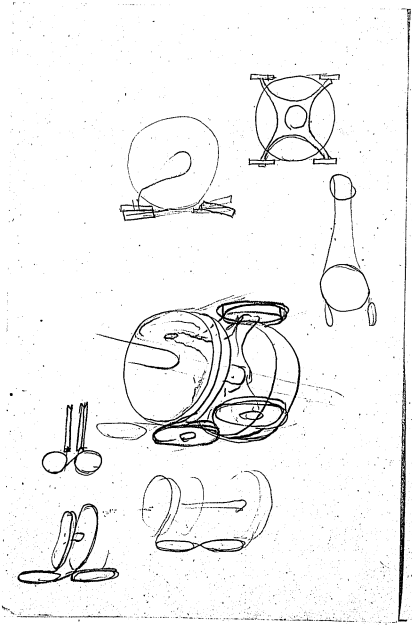
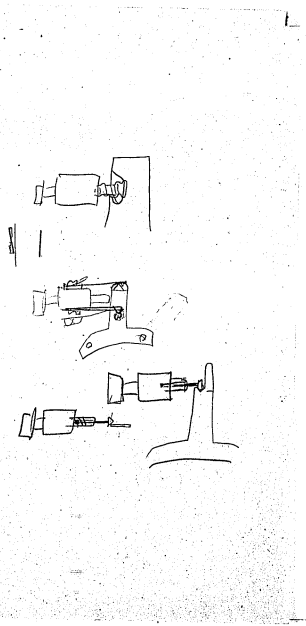
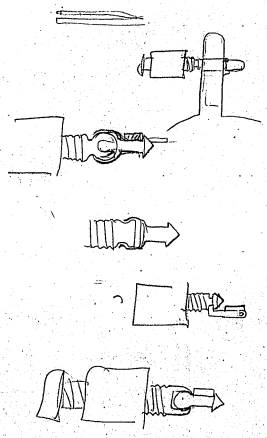
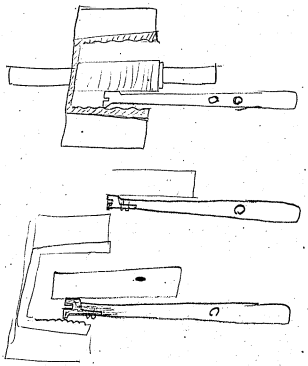
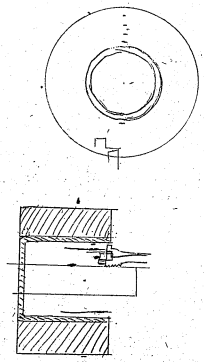


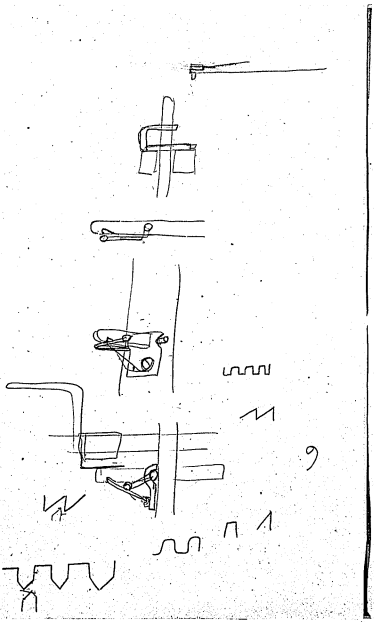


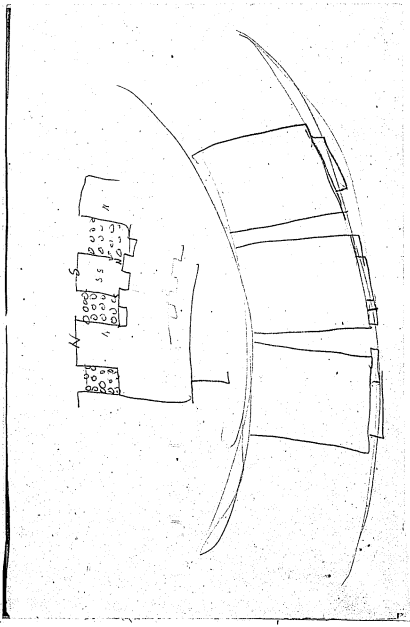


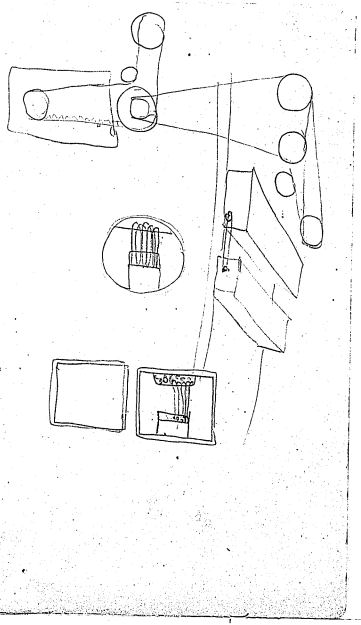


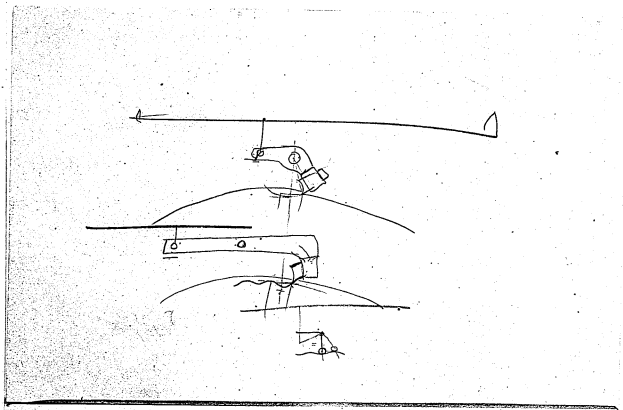


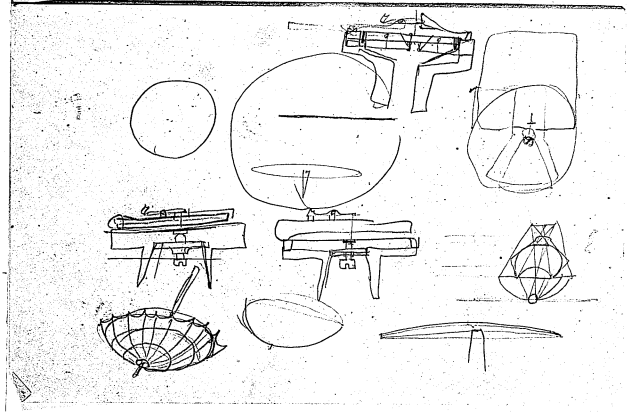


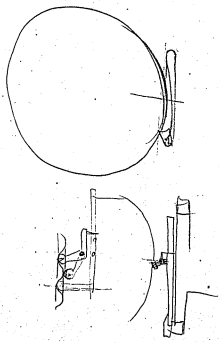


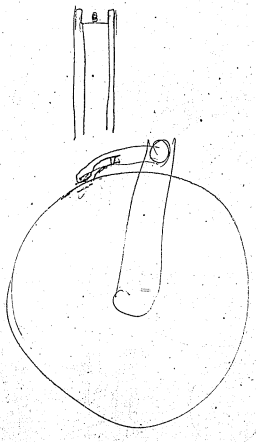




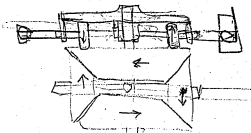




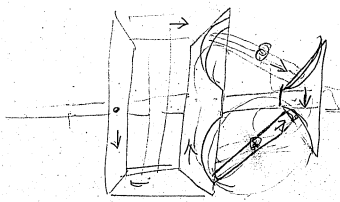



B

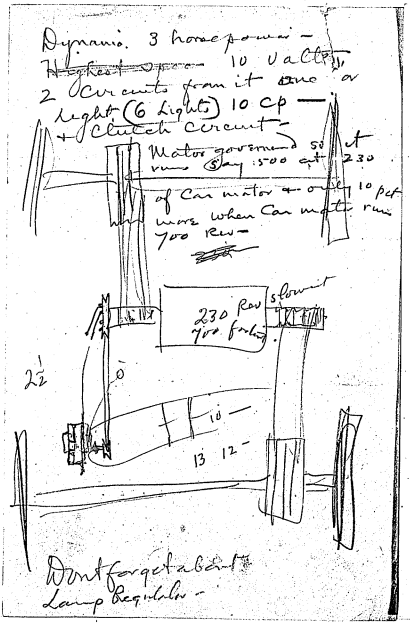
OK. July 19 90
J. F. Ohl

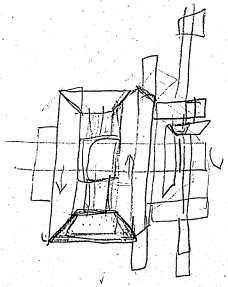


July 19 91
J F Ohl



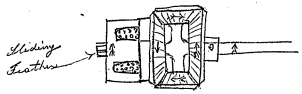
Jeff


Dynamo. 3 horse power –
10 Volts
2 Circuits from it one for
Light (6 Lights) 10 cp –
+ Clutch Circuit –
Motor governed 50 volt
runs 1500 at 230
of Commutator + one 10 pct
runs when Car motor runs
700 rev –
230 Rev 5 Power
700 Revs
2½
10 –
13 12 –
Don't forget about
Lamp Regulator –



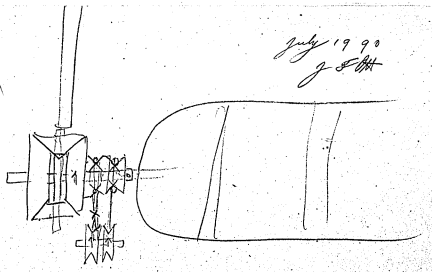
Sept 19, 20

July 1990
J. E. Ott



Nov

July 1990
J. E. Ott



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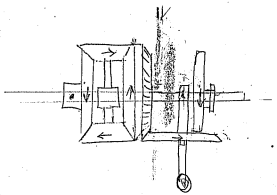
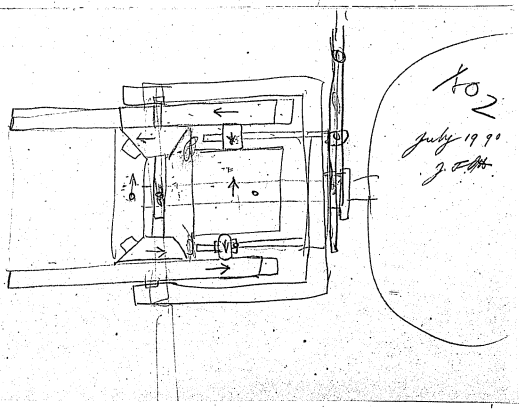


July 1990
J. Smith



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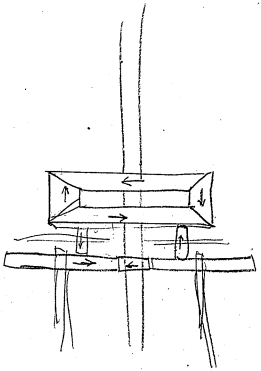
July 1990
J. Smith

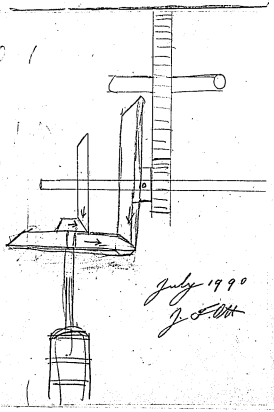


Tray

July 1990

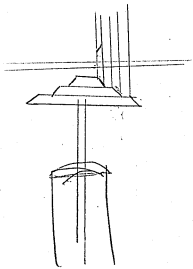
J. F. Ott

10 1

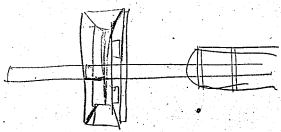


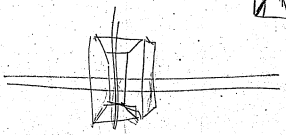
July 1990

J. F. Ott

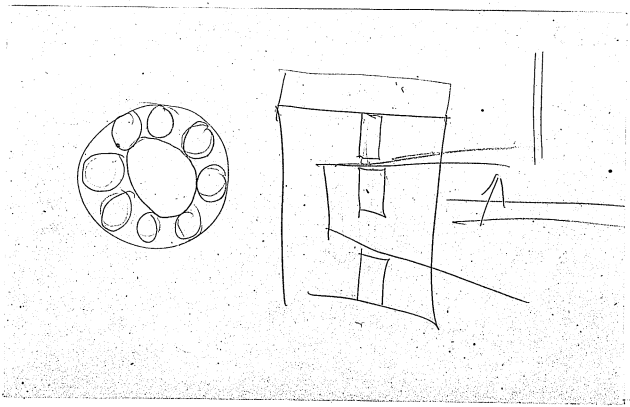


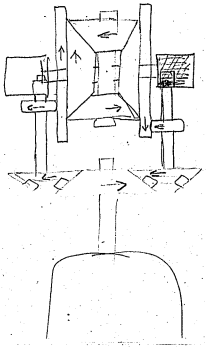
July 1990
J. F. Hill





July 1990
J. F. Hill

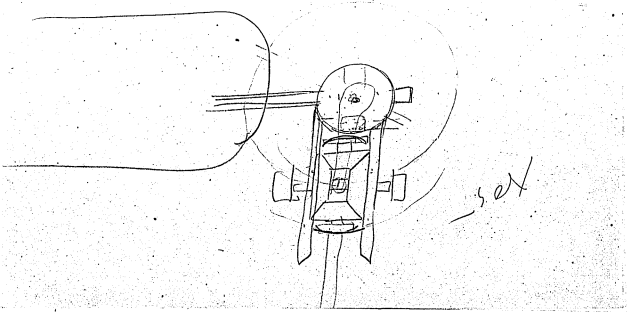




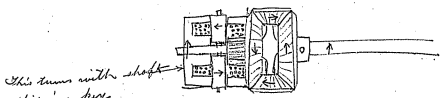
July 1990
J FOH

10 7

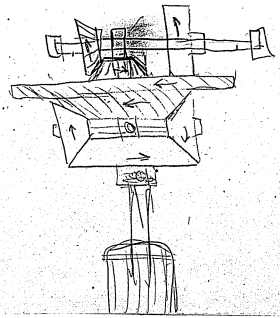
July 1990
J FOH



July 1991
J F Ott



OK July 1990
J. F. Ott

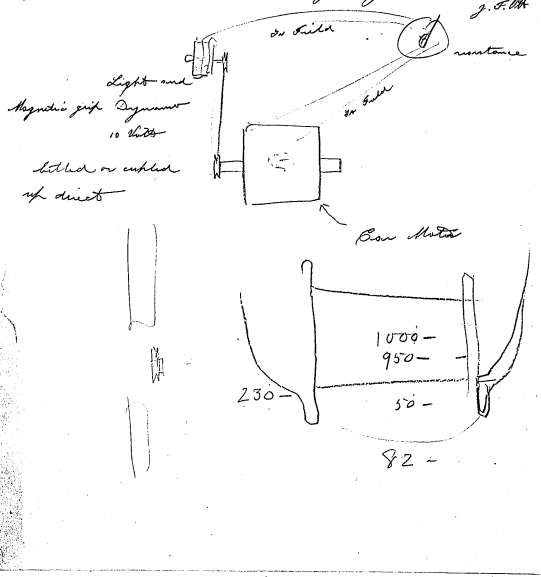


Cable Address "Edison, New York"

From the Laboratory
of
Thomas A. Edison.

Subject, _____ Orange, N.J. Dec 2 90

J. F. Ott



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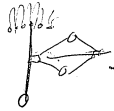
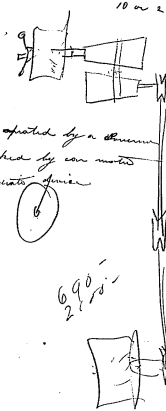
J. F. Ott



Light and elegantic grip Dynamo
10 or 20 Volts

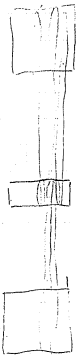
760 —
2
690 —
2100 —

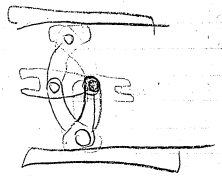


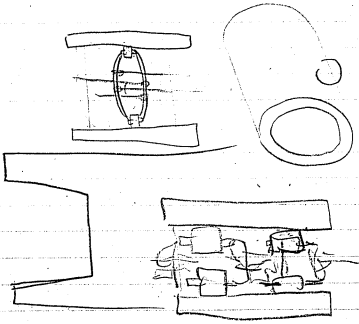
230 — speed
700 —
2100

690
2

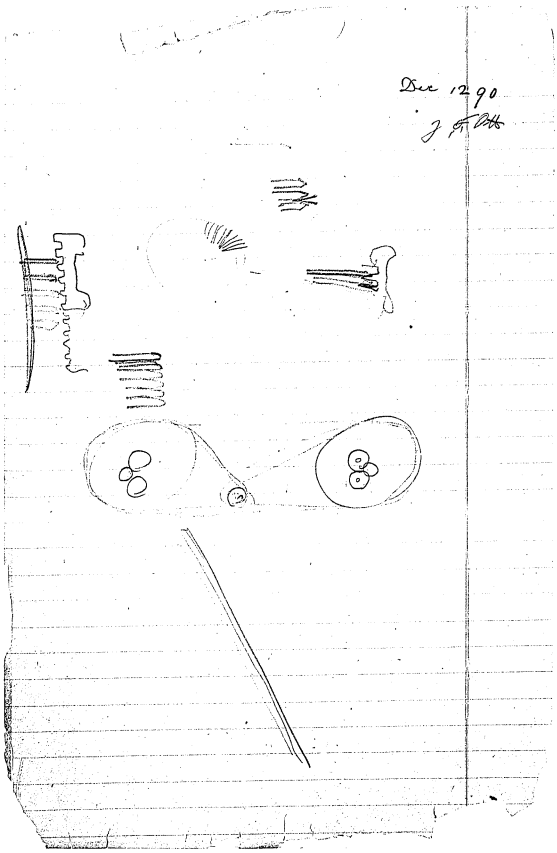
Dec 12, 90
J Fitts





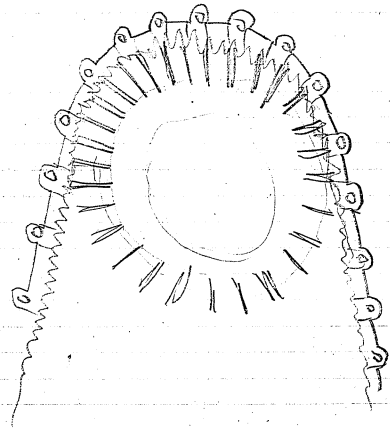


Dec 12 90
J. F. Pitts

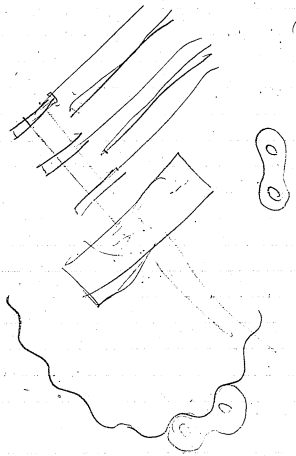


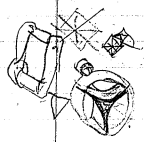
Dec 12, 90

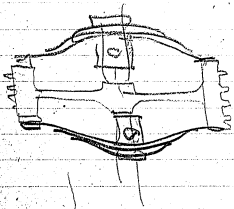
J. E. Ott



Dec 12, 90



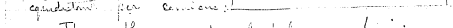




Dec 12, 90
J. F. Ott

Let n be the no. of pins on the shrink circum.
l = length of each link
j = joint without hole
Then $\frac{n}{l}$ = no. of pins per link
$l\left(\frac{k-j}{n}\right)$ = distance between holes

Scriffices no. [illegible] equidistant per centerline
Then the number of holes = $k \cdot nj$
the [illegible]

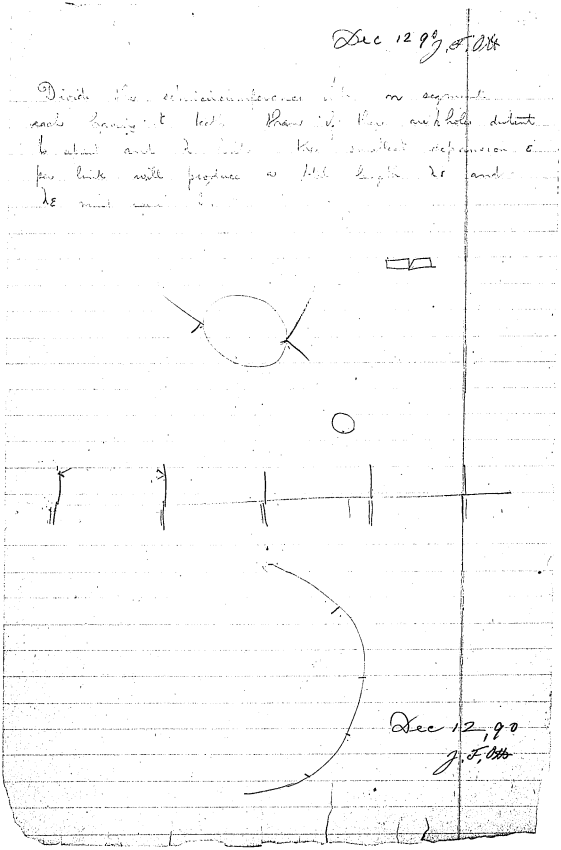


The distance between corresponding holes in k links is
$kk + kj$ Since there are k holes per link
$kk + kj$ is the no. of holes.
$kk + kj = yp$
$x(kk + j) = yp$
$\frac{x}{y} = \frac{p}{kk+j}$
$\frac{x}{s} = \frac{kk+j}{p}$
$\frac{x}{s} = \frac{1}{p}$

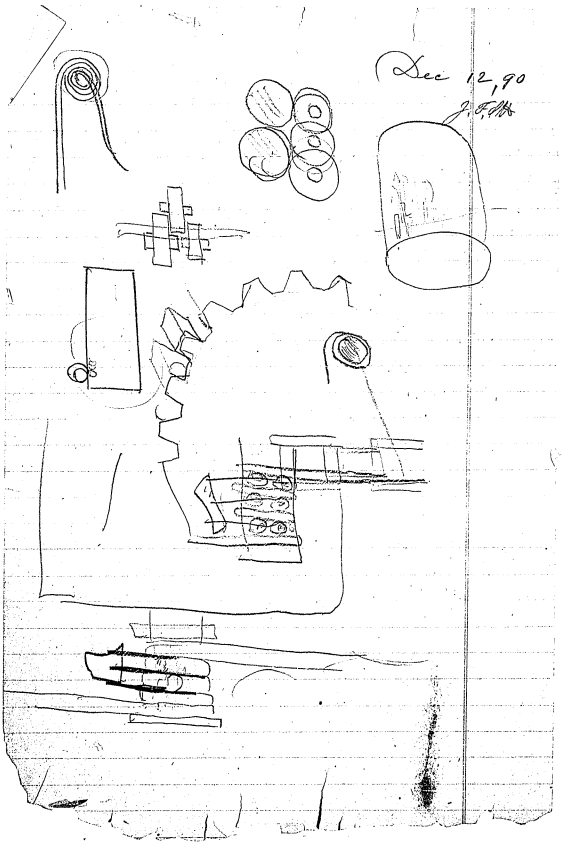
each joint expands $\frac{1}{64}$"

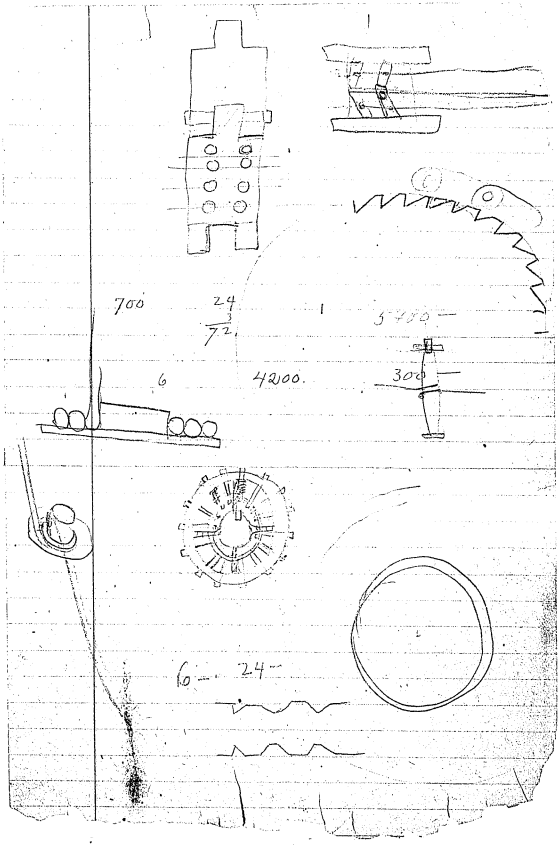
Dec 12 90 J.F.Ott

Divide the circumference [illegible] in segments each [illegible] long. Place the [illegible] at about and [illegible] so that expansion of the link will produce a [illegible] and [illegible]



Dec 12, 90
J.F.Ott


Dec 12, 90


700
24
72
1
3470
6
4200.
300
6 — 24 —